

SCENARIO BASED SQL QUESTIONS

- HOW TO SPLIT FULL NAME COLUMN INTO FIRST AND LAST NAME COLUMNS IN SQL?

```
CREATE TABLE CRICKET_PLAYERS (  
FULL_NAME VARCHAR (40),  
COUNTRY VARCHAR (40)  
);
```

```
INSERT INTO CRICKET_PLAYERS VALUES  
( 'SACHIN TENDULKAR', 'INDIA' ),  
( 'SHANE WARNE', 'AUSTRALIA' ),  
( 'BRIAN LARA', 'WEST INDIES' );
```

```
SELECT * FROM CRICKET_PLAYERS;
```

/* --INSTR () returns the position of the first occurrence of a character or substring within a given string--*/

```
SELECT FULL_NAME, INSTR (FULL_NAME, ' ') FROM CRICKET_PLAYERS;
```

/*--SUBSTRING () returns a string with a specified length starting from a location in an input string--

-----SUBSTRING (input string, start, length) -----
*/

```
SELECT *, SUBSTRING (FULL_NAME,1, INSTR (FULL_NAME, ' ')) AS  
FIRST_NAME FROM CRICKET_PLAYERS;
```

/*-----LENGTH () return the number of characters in that particular string
-----including spaces and special characters-----*/

```
SELECT *, SUBSTRING (FULL_NAME, INSTR (FULL_NAME, ' '),  
LENGTH(FULL_NAME)) AS LAST_NAME FROM CRICKET_PLAYERS;
```

```
/*-----*/  
SELECT *,  
SUBSTRING (FULL_NAME,1, INSTR (FULL_NAME,' ')) AS FIRST_NAME,  
SUBSTRING (FULL_NAME, INSTR (FULL_NAME,' '), LENGTH(FULL_NAME)) AS  
LAST_NAME  
FROM CRICKET_PLAYERS;
```

